CESAJ-RD-P (1145) NATIONWIDE PERMIT VERIFICATION SAJ-2008-4831 (NW-JPF)

MEMORANDUM FOR RECORD

SUBJECT: Department of the Army Decision Document for Above-Numbered Nationwide Permit Verification

1. For each of the reissued and new Nationwide Permits (NWPs), HQUSACE issued a decision document that contains an Environmental Assessment (EA), Statement of Findings, public interest review, and as appropriate, a Section 404(b)(1) Guidelines analysis. The Office of the Chief of Engineers has determined that division and district engineers will impose, as necessary, additional conditions on the NWP authorization or exercise discretionary authority to address locally important factors relating to the public interest, including any potential adverse effects on the human environment, and to ensure that the authorized activity results in no more than minimal individual and cumulative adverse effects on the environment. Supplemental documentation was prepared for the division engineer to address the individual and cumulative effects of the NWP(s) on local resources. On 12 July 2007, the supplemental documentation was issued by the division engineer and the Jacksonville District's proposed regional conditions were approved. Where required by the terms of the permit, general conditions, and/or regional conditions, the Jacksonville District will continue to perform case-specific review to ensure that the NWP will authorize only activities with no more than minimal individual and cumulative adverse effects on the environment and those activities will not be contrary to the public interest.

2. Name and address of applicant:

FDOT District One P.O. Box 1249 Bartow, FL 33831-1249

- 3. Project description: 0.04 acre of impact to waters of the United States for extension of culverts associated with road widening. The purpose of the project is to ensure the road is able to meet design and safety standards. This activity meets the terms and conditions for authorization under Nationwide Permit 14, as published in the 12 March 2007, issue of the <u>Federal Register</u> (72 FR 11092).
- 4. Project location: The proposed project is at State Road 655 (Recker Highway) between SR 542 West and SR 542 East, in Section 23, Township 28 South, Range 25 East, Polk County, Florida.
- 5. Existing site conditions:

The project area along the Goodno Canal includes the open surface waters of the ditch where the culverts are, and the ruderal shoreline vegetation.

- 6. Scope of Analysis: The scope of analysis is limited to the 0.04 acre of waters of the US directly impacted by the project and the immediately adjacent wetlands and uplands.
- 7. Alternatives: See *Decision Document for Nationwide Permit 14*, which was approved by the Director of Civil Works on 1 March 2007 and *Supplemental Environmental Assessment for*

Nationwide Permit 14, which was approved by the South Atlantic Division Commander on 12 July 2007.

- 9. Evaluation of the potential adverse environmental effects (direct, indirect and cumulative) of the proposed activity: See *Decision Document for Nationwide Permit 14*, which was approved by the Director of Civil Works on 1 March 2007
- 10. Mitigation required to ensure that the activity being verified by the Corps will have no more than minimal adverse effects on the environment: Based on the available information, the antiscour material will either be placed in unvegetated, open water areas, or in areas where the existing vegetation should recolonize the affected area with no significant loss of function temporarily and no permanent loss of function at all. As there is no loss of wetland function due to the proposed work, no mitigation is proposed or necessary.
- 11. Other Federal, State, and Local Authorizations Obtained or Required and Pending:
 - a. Clean Water Act section 401 water quality certification (WQC): The permittee will obtain an Environmental Resource Permit authorization from the South Florida Water Management District prior to commencement of the proposed activities.
 - b. Coastal Zone Management (CZM) consistency certification: There is no evidence or indication from the State of Florida that the project is inconsistent with the Florida CZM. Issuance of a DEP/WMD permit certifies that the project is consistent with the CZM plan.

Endangered Species Act compliance:

The proposed project will not affect any threatened or endangered species based on the information supplied by the applicant.

- c. National Historic Preservation Act compliance: NHPA concerns will be addressed by placement of a special condition in the verification letter advising permittees: 1) to contact the SHPO prior to initiating any work, 2) how to proceed should unexpected cultural resources be encountered.
- d. Other authorizations: N/A
- 12. Special Conditions: The following measures are being required by the permit authorization, and/or are being assured and provided voluntarily by the permit applicant, to ensure that the activity being authorized by the Corps will have no more than minimal adverse effects on the environment:
 - A. Within 60 days of completion of the work authorized, the attached "Self-Certification Statement of Compliance" must be completed and submitted to the U.S. Army Corps of Engineers. Mail the completed form to the Regulatory Division, Enforcement Section, Post Office Box 4970, Jacksonville, Florida 32232-0019.
 - B. No structure or work shall adversely affect or disturb properties listed in the National Register of Historic Places or those eligible for inclusion in the National Register. Prior to the start of work, the Permittee or other party on the Permittee's behalf, shall conduct a search in the National Register Information System (NRIS). Information can be found at;

http://www.cr.nps.gov/nr/research/nris.htm. Information on properties eligible for inclusion in the National Register can be identified by contacting the Florida Master File Office by email at fmsfile@dos.state.fl.us or by telephone at 850-245-6440.

If unexpected cultural resources are encountered at any time within the project area that was not the subject of a previous cultural resource assessment survey, work should cease in the immediate vicinity of such discoveries. The permittee, or other party, should notify the SHPO immediately, as well as the appropriate Army Corps of Engineers office. After such notifications, project activities should not resume without verbal and/or written authorization from the SHPO.

If unmarked human remains are encountered, all work shall stop immediately, and the proper authorities notified in accordance with Section 872.05, Florida Statutes, unless on Federal lands. After such notifications, project activities on non-Federal lands shall not resume without verbal and/or written authorization from the Florida State Archaeologist for finds under his or her jurisdiction.

- 13. Public interest review: See *Decision Document for Nationwide Permit 14*, which was approved by the Director of Civil Works on 1 March 2007 and *Supplemental Environmental Assessment for Nationwide Permit 14*, which was approved by the South Atlantic Division Commander on 12 July 2007.
- 14. Finding of No Significant Impact. See *Decision Document for Nationwide Permit 14*, which was approved by the Director of Civil Works on 1 March 2007.
- 15. <u>Public Interest Determination</u>: This activity, if conducted in accordance with the terms and conditions of the NWP and the special conditions stated in the NWP verification letter, will not be contrary to the public interest.

PREPARED BY:

REVIEWED BY:

Project Manager

Reviewer

Date: Q9-Jan-09

Date: 20 Jan 2009



DEPARTMENT OF THE ARMY

JACKSONVILLE DISTRICT CORPS OF ENGINEERS 10117 PRINCESS PALM DRIVE SUITE 120 TAMPA, FLORIDA 33610

January 20, 2009

Tampa Regulatory Office
SAJ-2008-4831 (NW-JPF)

Jim Wilt FDOT District One VIA E-MAIL jim.wiltl@dot.state.fl.us

Dear Applicant:

Your application for a Department of the Army permit received on December 4, 2008, has been assigned number SAJ-2008-4831 (NW-JPF). A review of the information and drawings provided shows the proposed work is place of 0.04 acre of fill for culvert extensions associated with the widening of a road segment. The proposed project is located at State Road 655 (Recker Highway) between SR 542 West and SR 542 East, in Section 23, Township 28 South, Range 25 East, Polk County, Florida. The FPID for this project is 197485-2.

Your project, as depicted on the received drawings, is authorized by Nationwide Permit (NWP) Number 14. In addition, project specific conditions have been enclosed. This verification is valid for a period of two years after the date of this letter. Please access the U.S. Army Corps of Engineers' Jacksonville District's Regulatory web address at http://www.saj.usace.army.mil/regulatory/permitting/nwp/nwp.htm to access web links to view the Final Nationwide Permits, Federal Register Vol. 72, dated March 12, 2007, the Corrections to the Final Nationwide Permits, Federal Register 72, May 8, 2007, and the List of Regional Conditions. These files contain the description of the Nationwide Permit authorization, the Nationwide Permit general conditions, and the regional conditions, which apply specifically to this verification for NWP 14. Additionally, enclosed is a list of the six General Conditions, which apply to all Department of the Army authorizations. You must comply with all of the special and general conditions and any project specific condition of this authorization or you may be subject to enforcement action. In the event you have not completed construction of your project within the specified time limit, a separate application or reverification may be required.

The following special conditions are included with this verification:

- 1. Within 60 days of completion of the work authorized, the attached "Self-Certification Statement of Compliance" must be completed and submitted to the U.S. Army Corps of Engineers.
 Mail the completed form to the Regulatory Division, Enforcement Section, Post Office Box 4970, Jacksonville, Florida 32232-0019.
- 2. No structure or work shall adversely affect or disturb properties listed in the National Register of Historic Places or those eligible for inclusion in the National Register. Prior to the start of work, the Permittee or other party on the Permittee's behalf, shall conduct a search in the National Register Information System (NRIS). Information can be found at; http://www.cr.nps.gov/nr/research/nris.htm. Information on properties eligible for inclusion in the National Register can be identified by contacting the Florida Master File Office by email at fmsfile@dos.state.fl.us or by telephone at 850-245-6440.

If unexpected cultural resources are encountered at any time within the project area that was not the subject of a previous cultural resource assessment survey, work should cease in the immediate vicinity of such discoveries. The permittee, or other party, should notify the SHPO immediately, as well as the appropriate Army Corps of Engineers office. After such notifications, project activities should not resume without verbal and/or written authorization from the SHPO.

If unmarked human remains are encountered, all work shall stop immediately, and the proper authorities notified in accordance with Section 872.05, Florida Statutes, unless on Federal lands. After such notifications, project activities on non-Federal lands shall not resume without verbal and/or written authorization from the Florida State Archaeologist for finds under his or her jurisdiction.

This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. In Florida, projects qualifying for this NWP must be authorized under Part IV of Chapter 373 by the Department of Environmental Protection, a water management district under §. 373.069, F.S., or a local government with delegated authority under §. 373.441, F.S., and receive Water Quality Certification (WQC) and Coastal Zone Consistency Concurrence (CZCC) (or a waiver), as well as any authorizations required by the State for

the use of sovereignty submerged lands. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.

This letter does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced NWP, please contact John Fellows by telephone at 813-769-7067.

This letter contains an approved jurisdictional determination. Enclosed you will find the approved jurisdictional determination form and a Notification of Appeal Process fact sheet and Request for Appeal (RFA) form. If you object to this determination, you may request an administrative appeal under Corps' regulations at 33 CFR Part 331. If you request to appeal this determination, you must submit a completed RFA form to the South Atlantic Division Office at the following address:

Mr. Michael F. Bell South Atlantic Division U.S. Army Corps of Engineers CESAD-CM-CO-R, Room 9M15 60 Forsyth St., SW. Atlanta, Georgia 30303-8801.

Mr. Bell can be reached by telephone number at 404-562-5137, or by facsimile at 404-562-5138.

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR Part 331.5, and that it has been received by the Division office within 60 days of the date of the RFA. Should you decide to submit an RFA form, it must be received at the above address by March 21, 2009.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to take a few minutes to visit the following link and complete our automated Customer Service Survey:

http://www.saj.usace.army.mil/permit/forms/customer_service.htm. Your input is appreciated - favorable or otherwise.

Sincerely,

for

Charles A. Schnepel Chief, Tampa Section

Enclosures

GENERAL CONDITIONS 33 CFR PART 320-330 PUBLISHED FEDERAL REGISTER DATED 13 NOVEMBER 1986

- 1. The time limit for completing the work authorized ends two years after the date of the verification letter. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
- 2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
- 3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort of if the site is eligible for listing in the National Register of Historic Places.
- 4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
- 5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
- 6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: NW-14
Application Number: SAJ-2008-4831 (NW-JPF)

Permittee's Name & Address (please print or type):
Telephone Number:
Location of the Work:
Date Work Started: Date Work Completed:
Description of the Work (e.g., bank stabilization, residential or commercial filling, docks, dredging, etc.):
Acreage or Square Feet of Impacts to Waters of the United States:
Describe Mitigation completed (if applicable):
Describe any Deviations from Permit (attach drawing(s) depicting the deviations):
********** I certify that all work, and mitigation (if applicable) was done in
accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).
Signature of Permittee
Date

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

Permit Number: NW-14
Application Number: SAJ-2008-4831 (NW-JPF)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Branch, Post Office Box 4970, Jacksonville, FL 32232-0019.

(TRANSFEREE-SIGNATURE)	(SUBDIVISION)
(DATE)	(LOT) (BLOCK)
(NAME-PRINTED)	(STREET ADDRESS)
(MAILING ADDRESS)	
(CITY STATE ZIP CODE)	

APPROVED JURISDICTIONAL DETERMINATION FORM U.S. Army Corps of Engineers

SECTION I: BACKGROUND INFORMATION	
A. REPORT COMPLETION DATE FOR APPROVED	D JURISDICTIONAL DETERMINATION (JD): 20-Jan-2009
B. DISTRICT OFFICE, FILE NAME, AND NUMBER	: Jacksonville District, SAJ-2008-04831-JPF-JD1
C. PROJECT LOCATION AND BACKGROUND INF	FORMATION:
State :	FL - Florida
County/parish/borough:	Polk
City:	
Lat:	28.031941
Long:	-81.780677
Universal Transverse Mercator	Folder UTM List
	UTM list determined by folder location
	NAD83 / UTM zone 35S
	Waters UTM List UTM list determined by waters location
	NAD83 / UTM zone 35S
W	Lake Hancock
Name of nearest waterbody: Name of nearest Traditional Navigable Water (TN	
Name of watershed or Hydrologic Unit Code (HU	
Check if map/diagram of review area and/or po	otential jurisdictional areas is/are available upon request.
Check if other sites (e.g., offsite mitigation sites form.	s, disposal sites, etc;) are associated with the action and are recorded on a difference
D. REVIEW PERFORMED FOR SITE EVALUATION	N:
Office Determination Date: 20-Jan-2009	
Field Determination Date(s):	
Fleid Determination Date(s).	
SECTION II: SUMMARY OF FINDINGS	
A. RHA SECTION 10 DETERMINATION OF JURIS	
There [] "navigable waters of the U.S." within River	s and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review
Waters subject to the ebb and flow of	the tide.
Waters are presently used, or have be commerce. Explain:	een used in the past, or may be susceptible for use to transport interstate or foreig

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There [] "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

- 1. Waters of the U.S.
- a. Indicate presence of waters of U.S. in review area:1

Water Name	Water Type(s) Present
waters 1	Relatively Permanent Waters (RPWs) that flow directly or indirectly into TNWs

Tributary Stream Order, if known:

Order	Tributary Name
3	waters 1

(b) General Tributary Characteristics: Tributary is:

illiantally lot					
Tributary Name	Natural	Artificial	Explain	Manipulated	Explain
waters 1	-	Χ	ditch	-	-

Tributary properties with respect to top of bank (estimate):

Tributary Name	Width (ft)	Depth (ft)	Side Slopes
waters 1	10	4	2:1

Primary tributary substrate composition:

Tributary Name	Silt	Sands	Concrete	Cobble	Gravel	Muck	Bedrock	Vegetation	Other
waters 1	X	-	-	-	-	X	<u>-</u>	2	-

Tributary (conditions, stability, presence, geometry, gradient):

Tributary Name	Condition\Stability	Run\Riffle\Pool Complexes	Geometry	Gradient (%)
waters 1	stable	-	Relatively straight	-

(c) Flow:

Tributary Name	Provides for	Events Per Year	Flow Regime	Duration & Volume
waters 1	Perennial flow	20 (or greater)	-	-

Surface Flow is:

Tributary Name	Surface Flow	Characteristics
waters 1	Discrete and confined	-

Subsurface Flow:

Tributary Name	Subsurface Flow	Explain Findings	Dye (or other) Test
waters 1	-	-	-

Tributary has:

Tributary Name	Bed & Banks	OHWM	Discontinuous OHWM ⁷	Explain
waters 1	X	-	-	-

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction:

High Tide Line indicated by:

Not Applicable.

Mean High Water Mark indicated by:

Not Applicable.

(iii) Chemical Characteristics:

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).

Tributary Name	Explain	Identify specific pollutants, if know	vn
waters 1	water is somewhat tannic	road runoff, ag runoff	

(iv) Biological Characteristics. Channel supports:

Tributary Name	Riparian Corridor	Characteristics	Wetland Fringe	Characteristics	Habitat
waters 1	-	-	-	-	-

- 2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW
- (i) Physical Characteristics:
- (a) General Wetland Characteristics:

Properties:

Not Applicable.

(b) General Flow Relationship with Non-TNW:

Flow is:

Not Applicable.

Surface flow is:

Not Applicable.

Subsurface flow:

Not Applicable.

(c) Wetland Adjacency Determination with Non-TNW:

Not Applicable.

(d) Proximity (Relationship) to TNW:

Not Applicable.

(ii) Chemical Characteristics:

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.). Not Applicable.

(iii) Biological Characteristics. Wetland supports:

Not Applicable.

Characteristics of all wetlands adjacent to the tributary (if any):

All wetlands being considered in the cumulative analysis:

Not Applicable.

Summarize overall biological, chemical and physical functions being performed: Not Applicable.

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions perfor any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent we has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerary when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not approximately approximately approximately approximately and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Significant Nexus: Not Applicable

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE:

 TNWs and Adjacent Wetlands: Not Applicable.

2. RPWs that flow directly or indirectly into TNWs:

Wetland Name	Flow	Explain
waters 1	PERENNIAL	-

Provide estimates for jurisdictional waters in the review area:

Wetland Name	Туре	Size (Linear) (m)	Size (Are
waters 1	Relatively Permanent Waters (RPWs) that flow directly or indirectly into TNWs	-	161.87424
Total:		0	161.87424

3. Non-RPWs that flow directly or indirectly into TNWs:⁸ Not Applicable.

Provide estimates for jurisdictional waters in the review area:

Not Applicable.

4. Wetlands directly abutting an RPW that flow directly or indirectly into TNWs. Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area: Not Applicable.

5. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs: Not Applicable.

Provide acreage estimates for jurisdictional wetlands in the review area: Not Applicable.

6.	Wetlands adjacent to non-RPWs	that flow	directly	or indirectly into	TNWs:
No	ot Applicable.				

Provide estimates for jurisdictional wetlands in the review area: Not Applicable.

7. Impoundments of jurisdictional waters:9 Not Applicable.

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS: 10 Not Applicable.

Identify water body and summarize rationale supporting determination: Not Applicable.

Provide estimates for jurisdictional waters in the review area: Not Applicable.

F. NON-JURISDICTIONAL WATERS. INCLUDING WETLANDS

If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers V Delineation Manual and/or appropriate Regional Supplements:
Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce:
Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based soley on the "MigRule" (MBR):
Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (Explain):
Other (Explain):

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the factors (ie., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best pr judgment:

Not Applicable.

Provide acreage estimates for non-jurisdictional waters in the review area, that do not meet the "Significant Nexus" standard, such a finding is required for jurisdiction. Not Applicable.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD

listed items shall be included in case file and, where checked and requested, appropriately reference Data Reviewed		Source Description
Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant	-	-
Other information	Polk County Lake Atlas	-

B. ADDITIONAL COMMENTS TO SUPPORT JD:

Not Applicable.

¹⁻Boxes checked below shall be supported by completing the appropriate sections in Section III below.

²-For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g months).

³-Supporting documentation is presented in Section III.F.

⁴-Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.

⁵⁻Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

⁶-A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the O been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a root through a culvert), the agencies will look for indicators of flow above and below the break.

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⁸⁻See Footnote #3.

^{9 -}To complete the analysis refer to the key in Section II.D.6 of the Instructional Guidebook.

¹⁰⁻Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.